

COPY

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|---|--------------------------|-------------------|
| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | Attorney Docket Number | 1322/37/2 |
| | First Named Inventor | McCann, Thomas M. |
| | COMPLETE IF KNOWN | |
| | Application Number | 09 / 759,743 |
| | Filing Date | January 12, 2001 |
| | Group Art Unit | 2681 |
| Examiner Name | Not Assigned | |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND SYSTEMS FOR ROUTING MESSAGES ASSOCIATED WITH PORTED SUBSCRIBERS IN A MOBILE COMMUNICATIONS NETWORK

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) January 12, 2001 as United States Application Number or PCT International (if applicable).

Application Number 09/759,743 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? YES NO | |
|-------------------------------------|---------|----------------------------------|--|--|--|
| | | | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|--|
| 60/177,523 | 01/21/00 | |

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (10-00)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☒ Customer Number or Bar Code Label ☐ OR ☐ Correspondence address below

Name Gregory A. Hunt, JENKINS & WILSON, P.A.

Address Suite 1400 University Tower

Address 3100 Tower Boulevard

City Durham

State NC

ZIP 27707

Country USA

Telephone 919-493-8000

Fax 919-419-0383

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Thomas Matthew

Family Name

or Surname McCann

Inventor's
Signature

Thomas Matthew McCann

Date

5/8/01

Residence: City Morrisville

State NC

Country USA

Citizenship US

Mailing Address 117 Oxyard Way

Mailing Address

City Morrisville

State NC

ZIP 27560

Country USA

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Raghavendra Gopala

Family Name

or Surname Rao

Inventor's
Signature

Raghavendra Gopala Rao

Date

5/9/01

Residence: City

Gary Morrisville

State NC

Country USA

Citizenship India

Mailing Address 106 Arbor Way 1114, Sweet Spot Circle

Mailing Address Apartment #1A

City Morrisville

State NC

ZIP 27560

Country USA

☒ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 4

| | | | |
|---|----------|---|----------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name Robert Fulton | | Family Name or Surname West, Jr. | |
| Inventor's Signature <i>Robert Fulton West Jr</i> | | Date <u>5/15/01</u> | |
| Residence: City Raleigh | State NC | Country USA | Citizenship US |
| Mailing Address 9000 Hemingwood Court | | | |
| Mailing Address | | | |
| City Raleigh | State NC | ZIP 27613 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name Peter Joseph | | Family Name or Surname Marsico | |
| Inventor's Signature <i>Peter Joseph Marsico</i> | | Date <u>5/8/01</u> | |
| Residence: City Carrboro | State NC | Country USA | Citizenship US |
| Mailing Address 201 Westbrook Drive | | | |
| Mailing Address #D15 | | | |
| City Carrboro | State NC | ZIP 27510 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name | | Family Name or Surname | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| Mailing Address | | | |
| Mailing Address | | | |
| City | State | ZIP | Country |

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION -- Supplemental Priority Data Sheet

Additional foreign applications:

[illegible]

Additional provisional applications:

| Application Number | Filing Date (MM/DD/YYYY) |
|--------------------|--------------------------|
| | |

Additional U.S. applications:

| U.S. Parent Application Number | PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--------------------------------|-------------------|---------------------------------|--------------------------------------|
| 09/471,946 | | 12/23/1999 | |

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



COPY

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 10, 2001

PTAS



101734650A

JENKINS & WILSON, P.A.
GREGORY A. HUNT
SUITE 1400 UNIVERSITY TOWER
3100 TOWER BOULEVARD
DURHAM, NC 27707

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/21/2001

REEL/FRAME: 011838/0574
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MCCANN, THOMAS MATTHEW

DOC DATE: 05/08/2001

ASSIGNOR:

RAO, RAGHAVENDRA GOPALA

DOC DATE: 05/09/2001

ASSIGNOR:

WEST, ROBERT FULTON, JR.

DOC DATE: 05/15/2001

ASSIGNOR:

MARSICO, PETER JCSEPH

DOC DATE: 05/08/2001

ASSIGNEE:

TEKELEC
26580 WEST AGOURA ROAD
CALABASAS, CALIFORNIA 91302

SERIAL NUMBER: 09759743

FILING DATE: 01/12/2001

PATENT NUMBER:

ISSUE DATE:

DOCKET DATES: N/A
ASSIGNED ATTY: REJ/GAH
FILE NO. 1322/37/2
DOCKETED BY: KSF
DATE: 08/15/01



011838/0574 PAGE 2

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

05-31-2001

PATENTS ONLY



Tab settings = = = ▽

To the Honorable Commissioner of Patents and Trademarks: Please record the attache.

101734650

1. Name of conveying party(ies):

Thomas Matthew McCann

Raghavendra Gopala Rao

Robert Fulton West, Jr.

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies):

Name: Tekelec

Internal Address:

Street Address: 26580 West Agoura Road

City: Calabasas State: CA ZIP: 91302

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: May 15, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/759,743

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory A. Hunt, JENKINS & WILSON, P.A.

Internal Address:

Street Address: Suite 1400 University Tower, 3100

Tower Boulevard

City: Durham State: NC ZIP: 27707

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

I, the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory A. Hunt

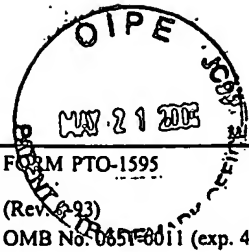
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 17

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231



FORM PTO-1595

(Rev. 8-93)

OMB No. 0651-0011 (exp. 4/94)

RECORDATION FORM COVER SHEET U.S.

PATENTS ONLY

DEPARTMENT OF COMMERCE

Patent and Trademark Office

1. Name of conveying party(ies):

Peter Joseph Marsico

Additional name(s) of conveying party(ies) attached?

Yes ☐

No ☒

2. Name and address of receiving party(ies):

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

Yes ☐

No ☒

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

Yes ☐

No ☒

ASSIGNMENT

WHEREAS, we, Thomas Matthew McCann, City of Morrisville, State of North Carolina, Raghavendra Gopala Rao, City of Cary, State of North Carolina, Robert Fulton West, Jr., City of Raleigh, State of North Carolina, and Peter Joseph Marsico, City of Carrboro, State of North Carolina, (hereinafter "Assignors"), have invented certain new and useful improvements in METHODS AND SYSTEMS FOR ROUTING MESSAGES ASSOCIATED WITH PORTED SUBSCRIBERS IN A MOBILE COMMUNICATIONS NETWORK for which we now make application for a U.S. Letters Patent.

AND, WHEREAS, Tekelec, a corporation duly organized and existing under the laws of the State of California, having its principal office and place of business at 26580 West Agoura Road, Calabasas, California (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, his/her or their entire right, title and interest in and to said invention and application, and in and to any and all United States patent applications filed pursuant to 35 U.S.C. § 111(a) pertaining to said invention and/or which claim priority to the United States provisional patent application referenced above, and in and to any and all continuations, continuations-in-part, or divisions of any U.S. or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with his/her or their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and provisional application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to communicate promptly to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for said invention in all countries and to vest in the Assignee complete title to said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 8th day of MAY 2001.

Thomas Matthew McCann
Thomas Matthew McCann

Witnessed by:

Name Date

Name Date

Executed this 9th day of May 2001.

Raghavendra Gopala Rao

Raghavendra Gopala Rao

Witnessed by:

Name Date

Name Date

Executed this 15th day of May 2001.

Robert Fulton West, Jr.
Robert Fulton West, Jr.

Witnessed by:

Peter Joseph Marsico 5/15/01
Name Date

Name Date

Executed this 8th day of May 2001.

Peter Joseph Marsico
Peter Joseph Marsico

Witnessed by:

Name Date

Name Date